

-1/18-

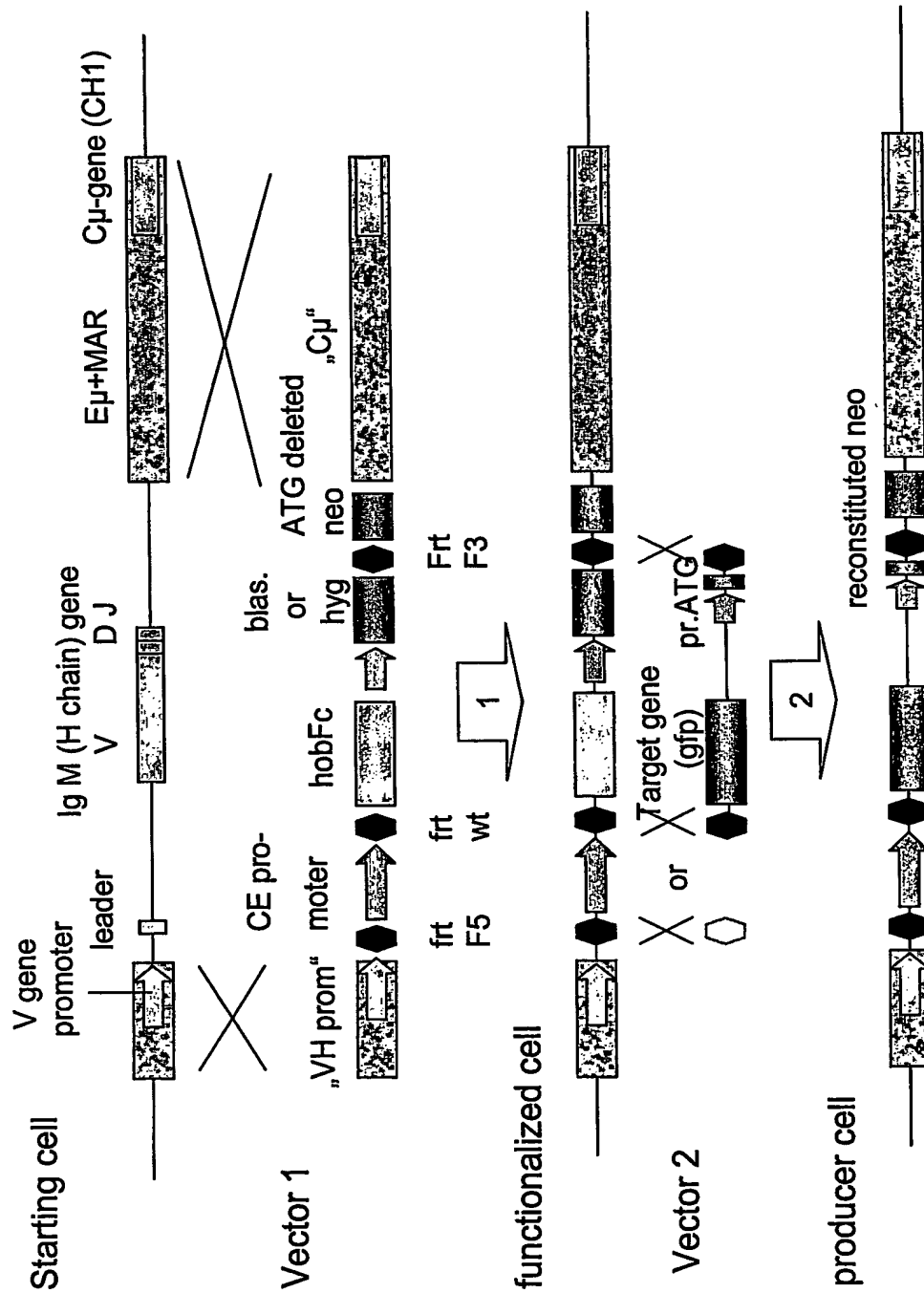


Fig 1a

-2/18-

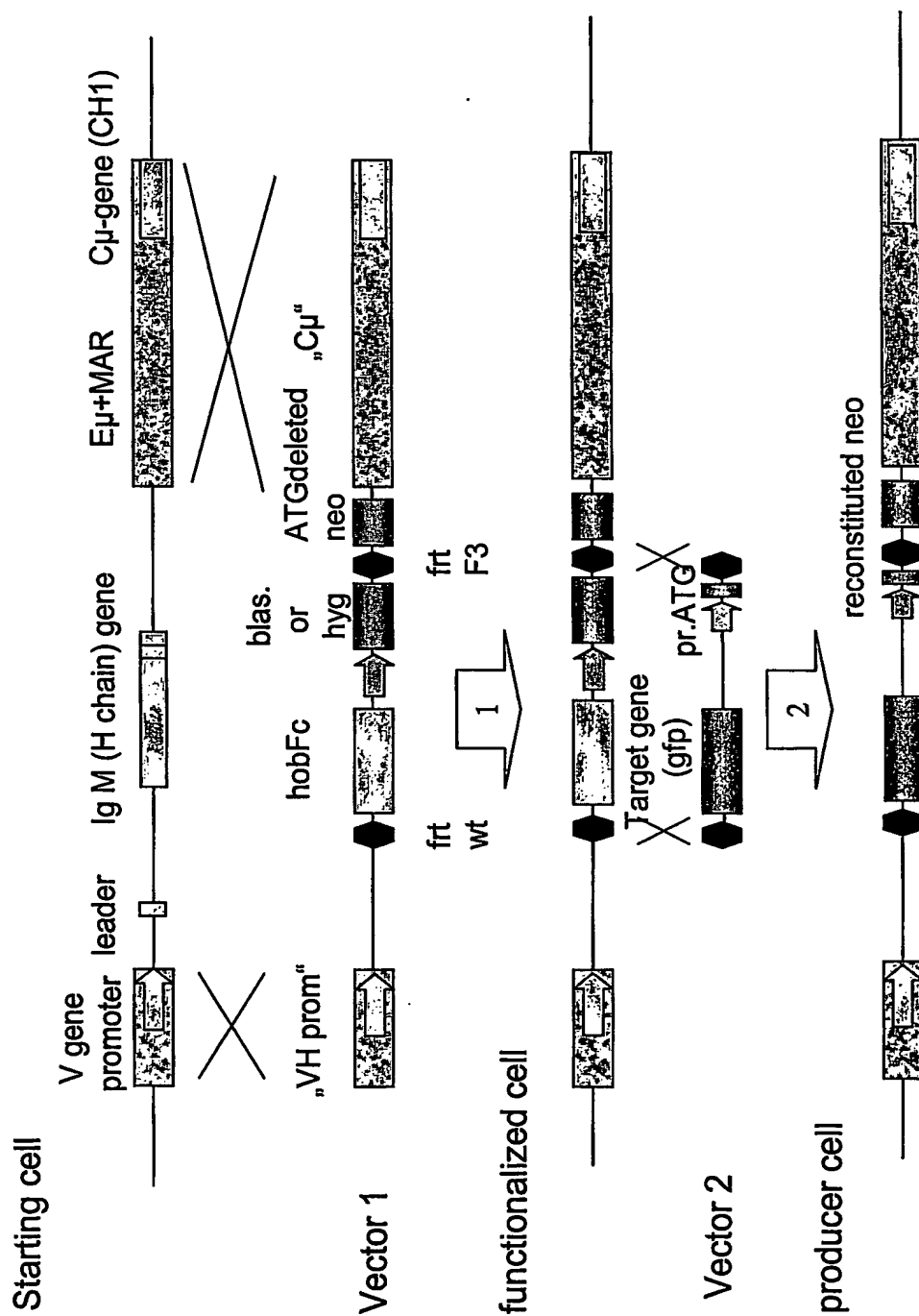


Fig 1b

-3/18-

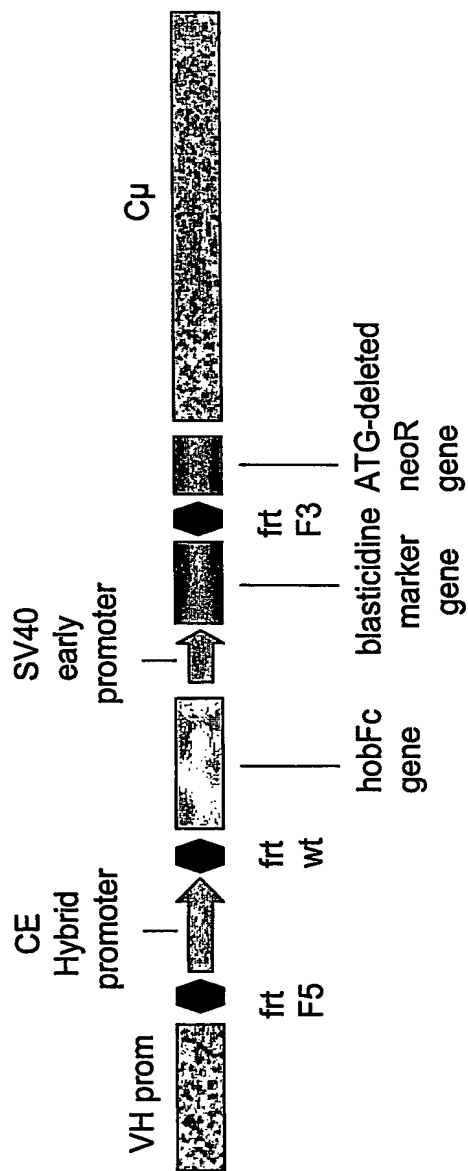


Fig 2

-4/18-

Genomic region of H-CB-P1

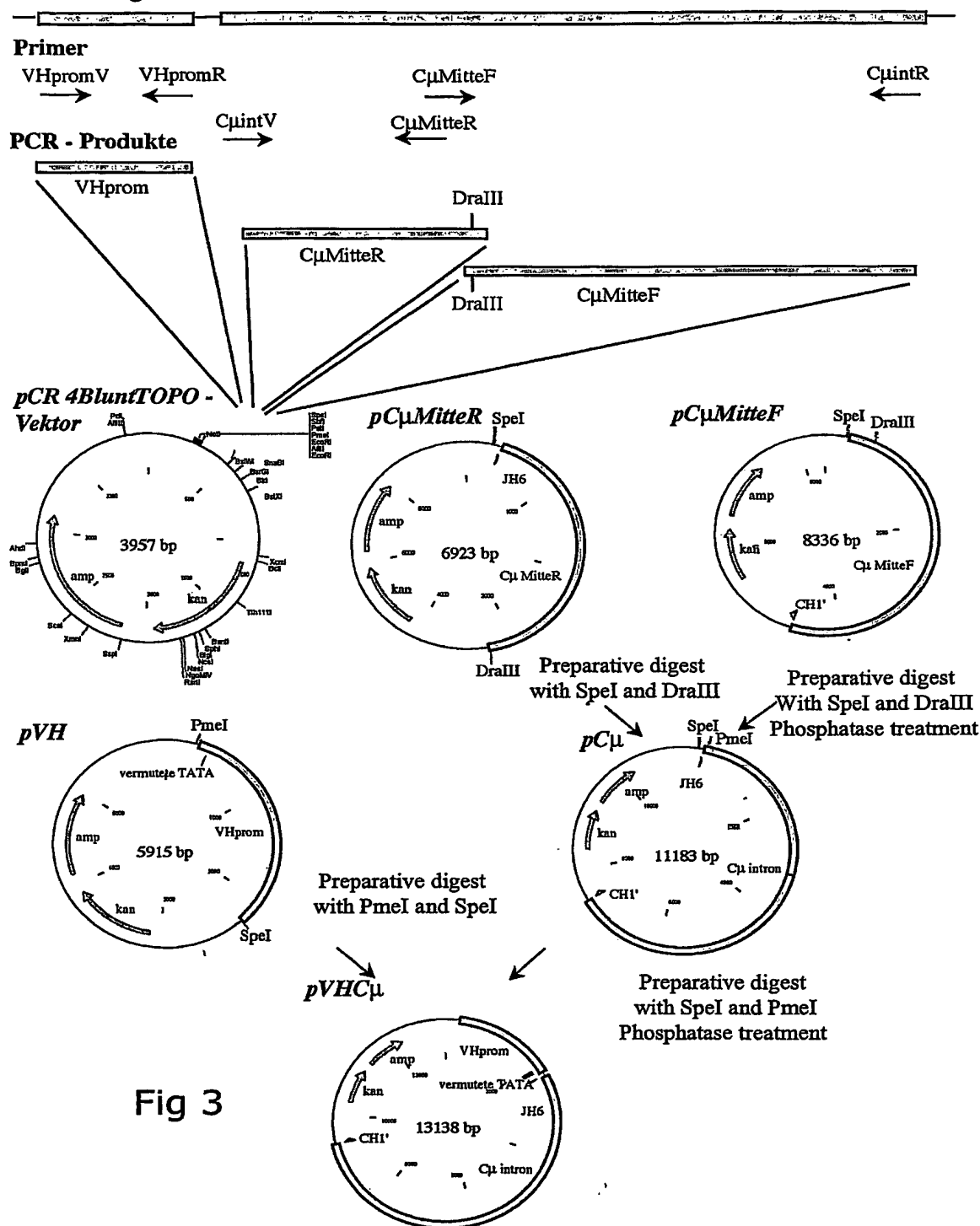
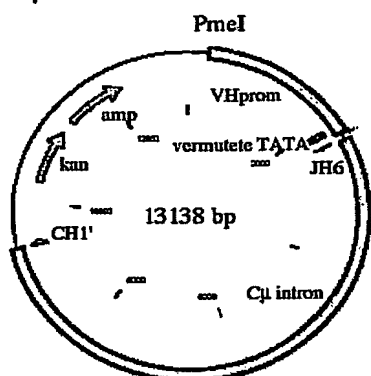


Fig 3

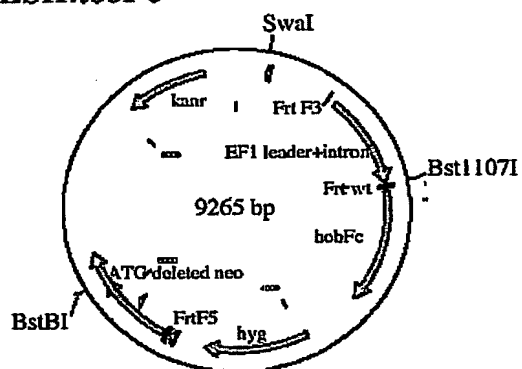
-5/18-

pVHCμ

preparative digest
with PmeI
Phosphatase treatment

preparative digest
with BstBI and SmaI
phosphatase treatment
Heat inactivation
Klenow fill in

Ligation

pCESHhobFc

preparative digest
with PmeI
Phosphatase treatment

preparative digest
with BstBI and BstI 107I
phosphatase treatment
Heat inactivation
Klenow fill in

Ligation

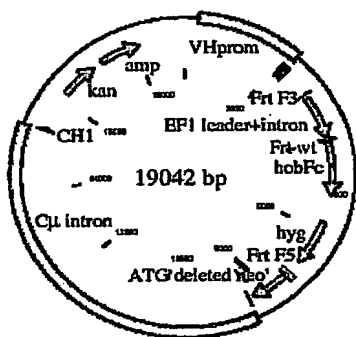
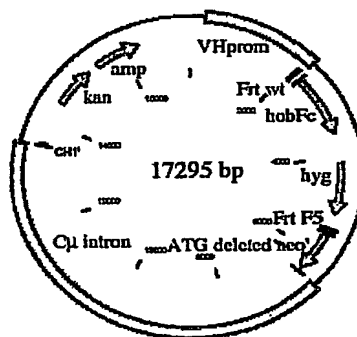
pVHCμCESHhobFc*pVHCμHhobFc*

Fig 4

-6/18-

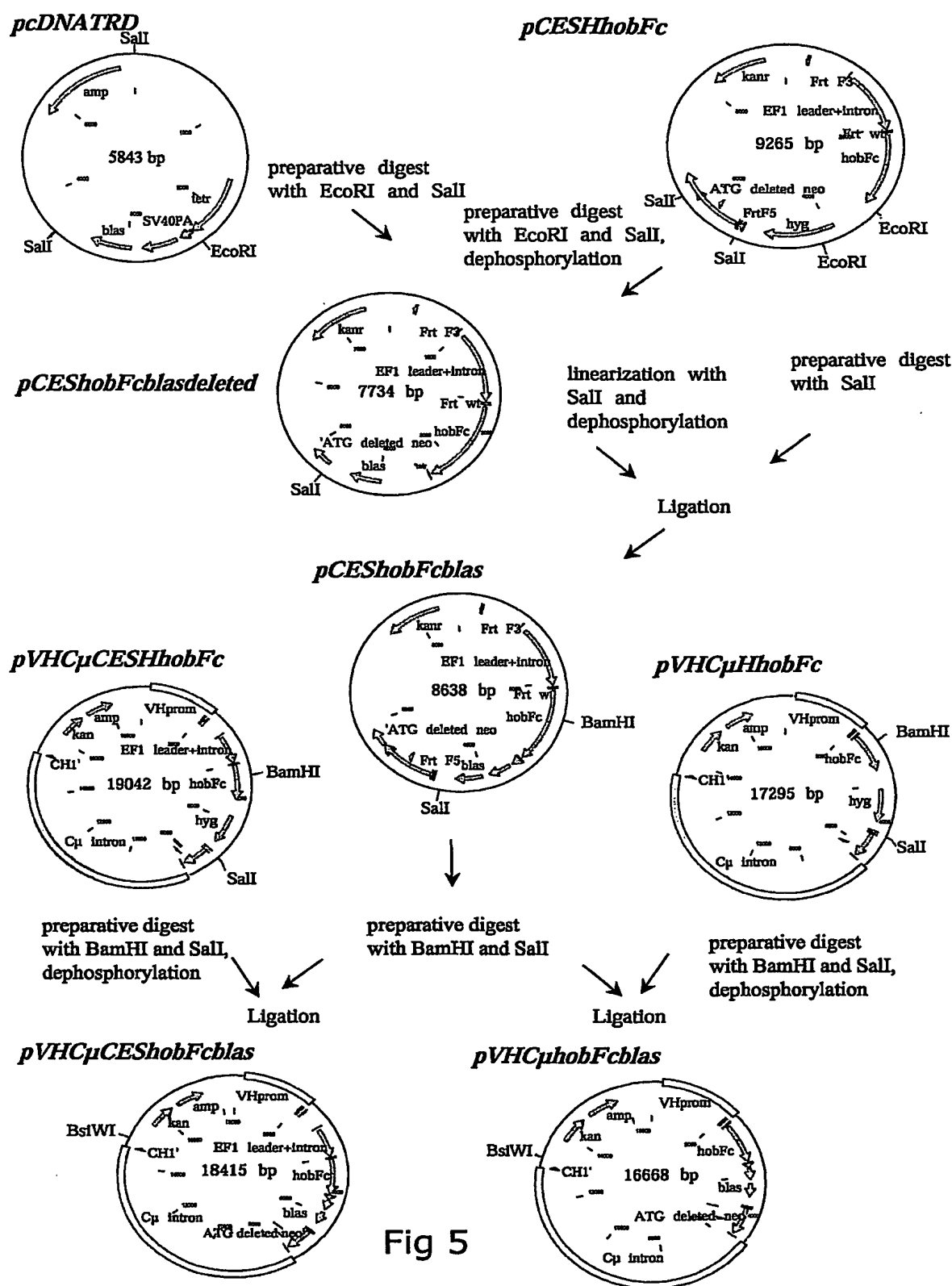


Fig 5

-7/18-

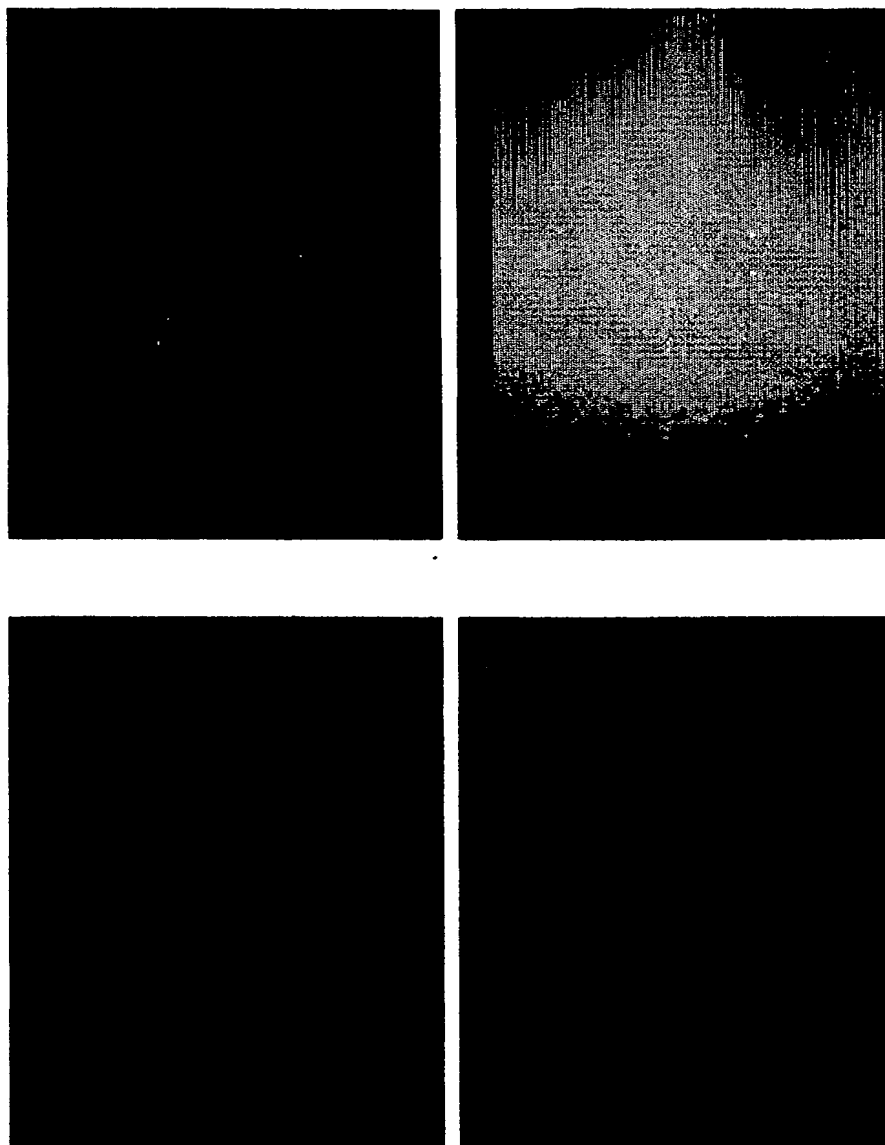


Fig 6

-8/18-

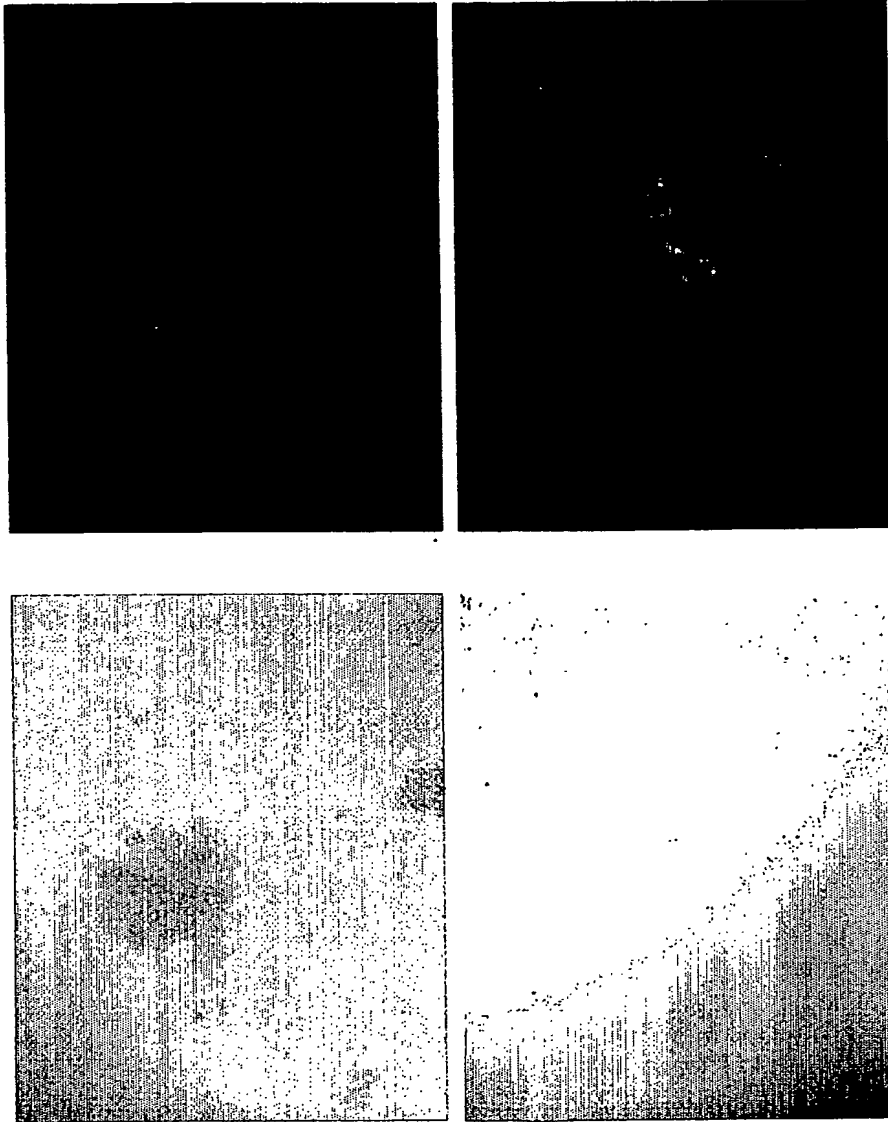


Fig 7

-9/18-

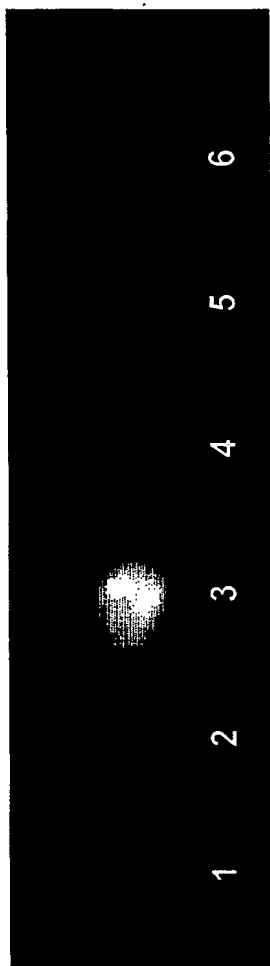


Fig. 8

-10/18-

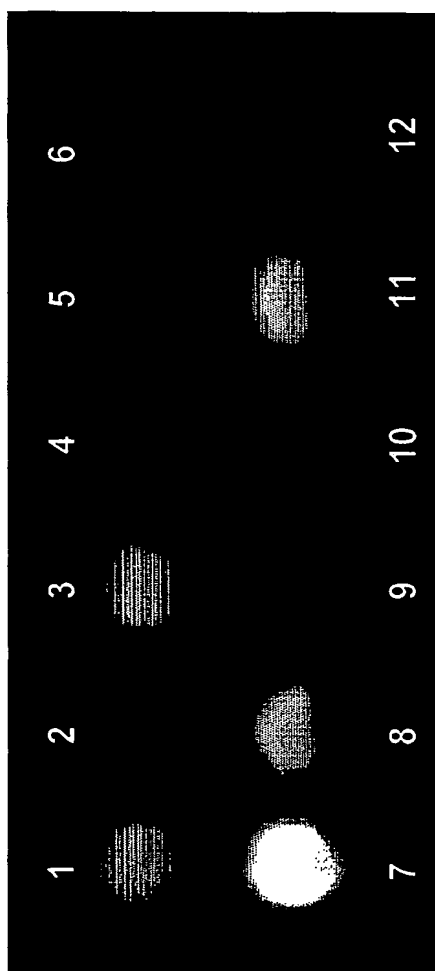


Fig. 9:

Starting cell

V gene
promoter leader
Ig M (H chain) gene
Cμ-gene (CH1)

Donor construct

VH prom^u
frt F5
frt wt
frt F3
neo
ATGdeleted "Cμ"
hobFc

functionalized cell

V5 →
VHpromV →
← VHpromR
← V6
← V7

PCR products confirming recombination

Nested PCR product

Fig. 10a

-12/18-

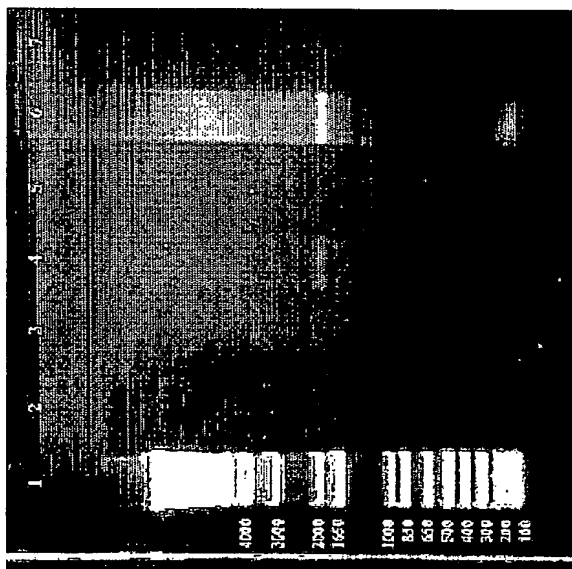
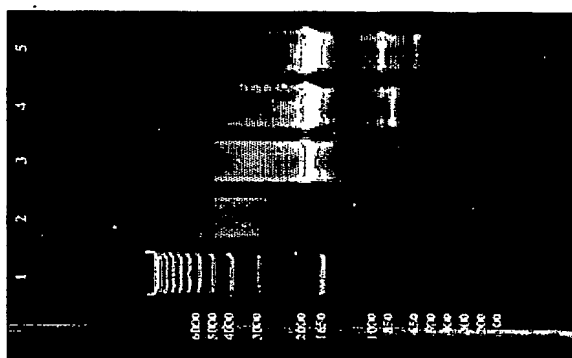


Fig 10b

-13/18-

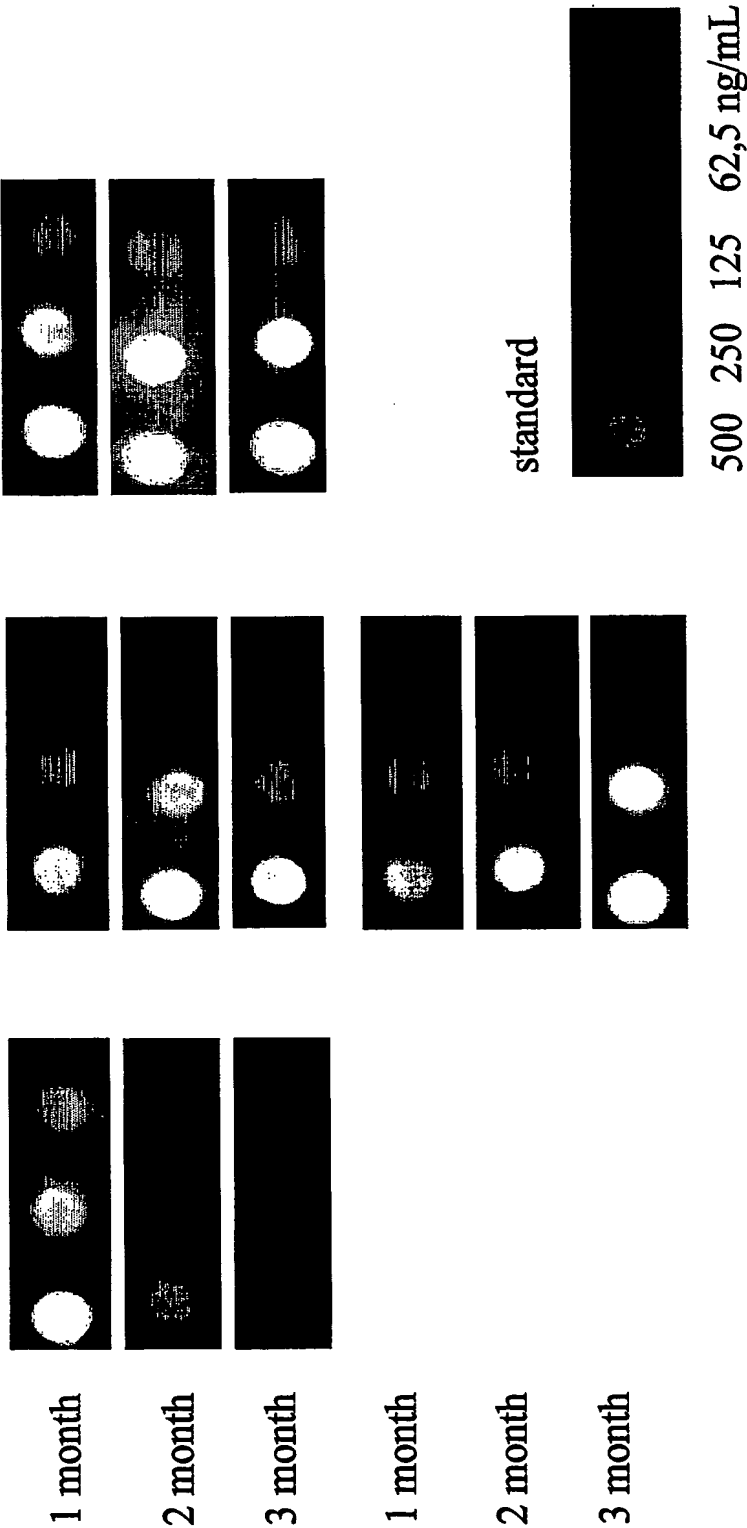


Fig. 11

-14/18-

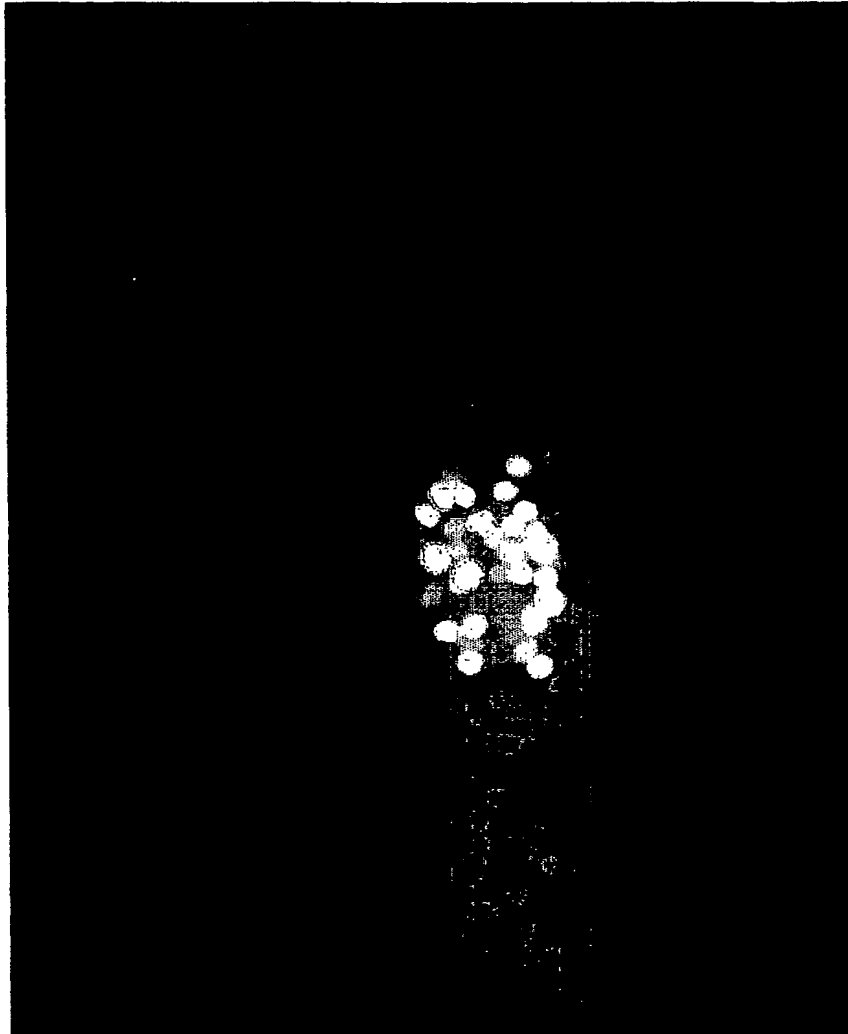


Fig. 12

Fig. 13

-16/18-

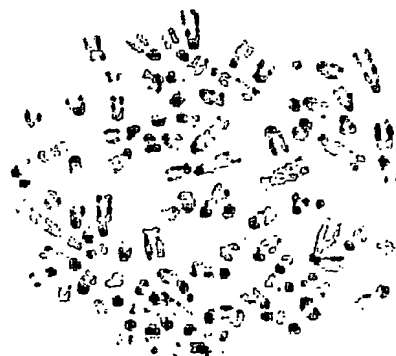
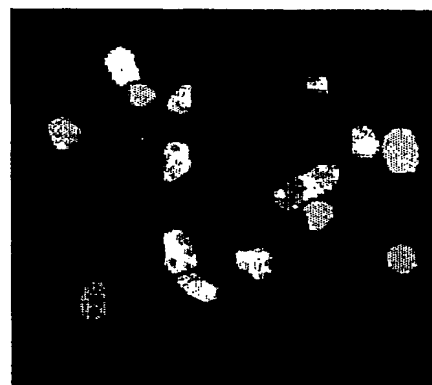
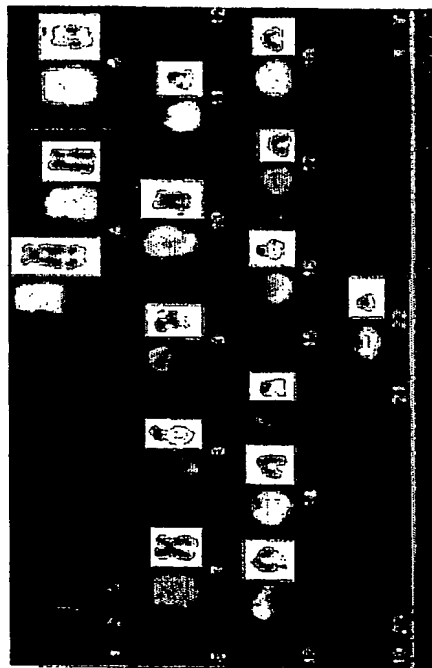


Fig. 14

-17/18-

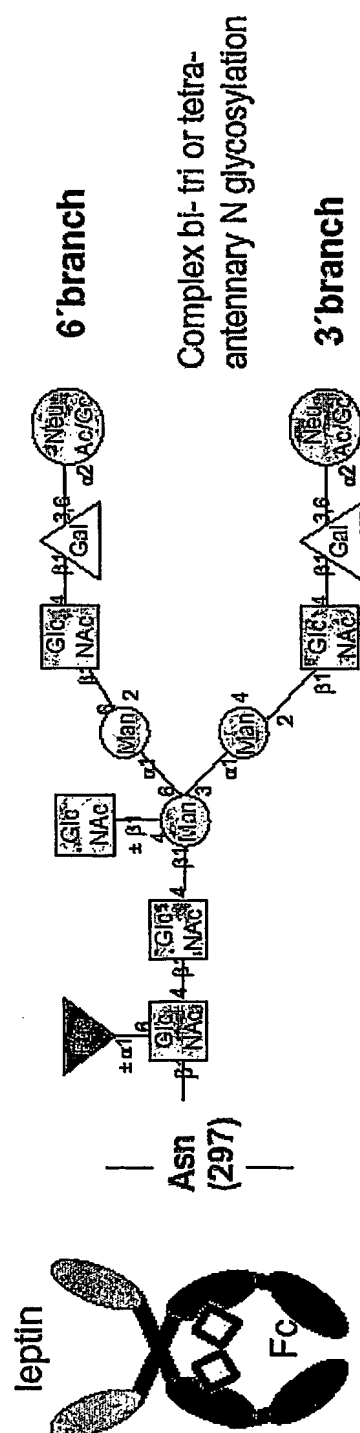


Fig. 15

-18/18-

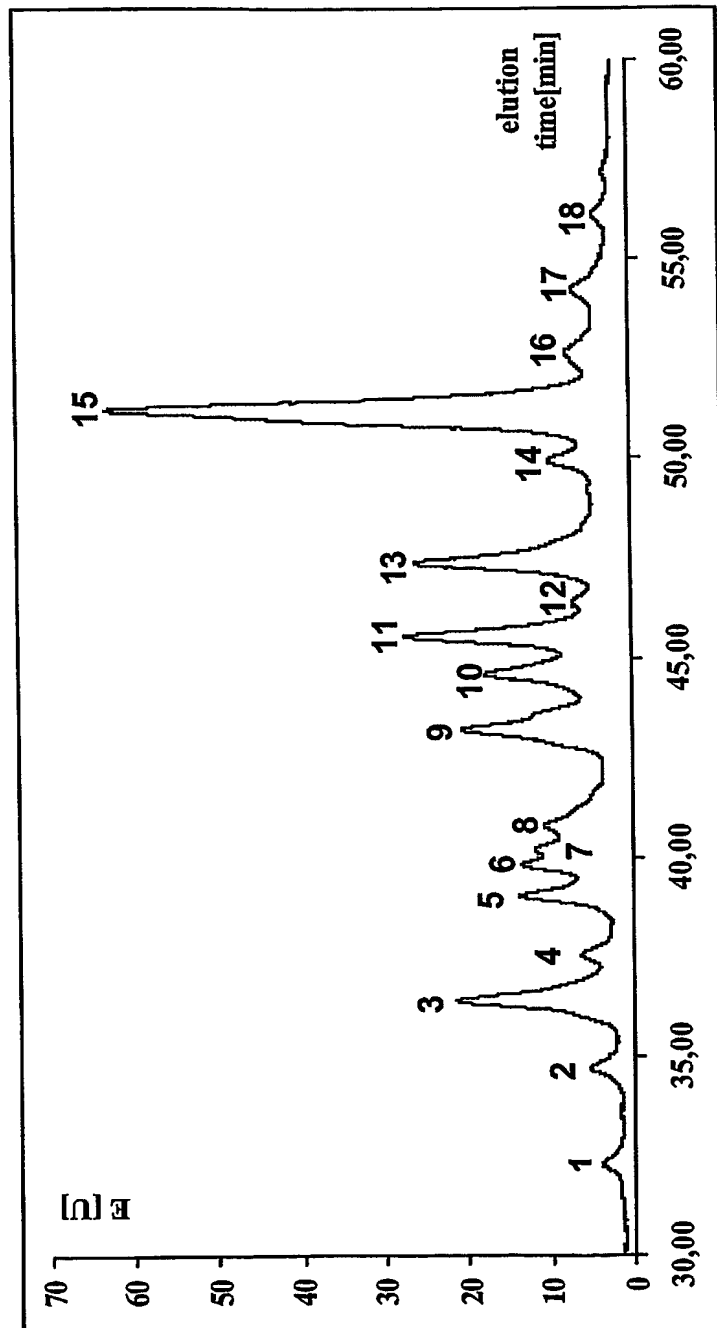


Fig. 16

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